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Detection method for at least one regulatory factor - using the interaction of at least two regulatory factors responding to inhibitors with a positive signal, e.g. lacZ-prodn..

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Inventor: ALTMANN H; WENDLER W

Number of Countries: 034 Number of Patents: 003

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Main IPC | Week |
|-------------|------|----------|-------------|------|----------|-------------|----------|
| DE 19502584 | A1 | 19950803 | DE 1002584 | A | 19950127 | C12Q-001/68 | 199536 B |
| WO 9520652 | A1 | 19950803 | WO 95EP297 | A | 19950127 | C12N-015/00 | 199536 |
| AU 9516625 | A | 19950815 | AU 9516625 | A | 19950127 | C12N-015/00 | 199546 |

Priority Applications (No Type Date): DE 4402569 A 19940128

Language, Pages: DE 19502584 (34); WO 9520652 (G, 92)

Abstract (Basic): DE 19502584 A

Claimed is a method for the determin. of at least one first regulatory factor (RF) comprising (a) providing at least one reporter system (RS) having at least one arrangement of genes including at least one reporter gene, (b) providing at least one second gene arrangement encoding at least one second RF whereby the second RF influences the activity the RS, (c) influence of the at least one first RF on the activity of the second RF and (d) detection of the activation of at least one RS by addition of at least one inhibitory component that influences the interactions of the first and second RFs.

USE - The method is used for the detection of inhibitors (claimed), pref., peptides, which may be used for the development of therapeutics.

ADVANTAGE - Compared to prior art methods which detect any inhibitors by a lack of expression, in the new system, the activity of the first RF results in a positive signal since it influences a second RF rather than the RS directly.

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